

# Converting Colors

Decimal(12563289)

Have a look what the booklet for  
Decimal(12563289) contains.

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# **Color**

**Decimal(12563289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFB359
RGB	191, 179, 89
RGB Percent	75%, 70%, 35%
CMY	0.2510, 0.2980, 0.6510
CMYK	0.00, 0.06, 0.53, 0.25
HSL	53°, 44%, 55%
HSV	53°, 53%, 75%
XYZ	39.4091, 44.0378, 15.8743
YIQ	172.3280, 36.0420, -25.4460

# Conversions

## Conversions Part 2

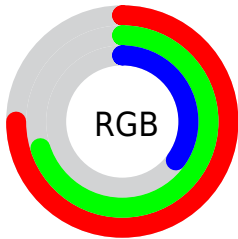
Format	Color
<a href="#">RYB</a>	<a href="#">103, 191, 89</a>
Decimal	<a href="#">12563289</a>
CIELab	<a href="#">72.25, -7.56, 46.90</a>
CIElCh	<a href="#">72, 47.505, 99.162</a>
Yxy	<a href="#">44.0378, 0.3968, 0.4434</a>
Android (android.graphics.Color)	<a href="#">4290753369</a> (0xFFBFB359)
YUV	<a href="#">172.3280, -41.0807, 16.3753</a>
Hunter-Lab	<a href="#">66.3610, -10.1278, 32.2699</a>

# Details

The Decimal color **12563289** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5858751**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **16378765**, and **8879910** is the 20% darker color. If you saturate the color by 10%, you get **12562758**, and if you desaturate by 10%, it is **12563820**.

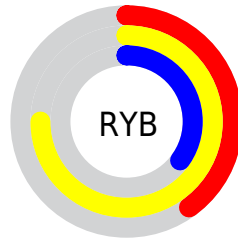
# Distribution



Red (75%)

Green (70%)

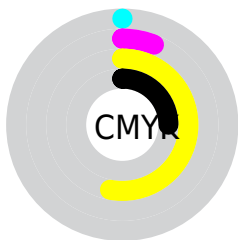
Blue (35%)



Red (40%)

Yellow (75%)

Blue (35%)

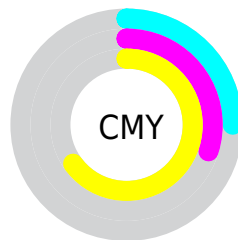


Cyan (0%)

Magenta (6%)

Yellow (53%)

Black (25%)



Cyan (25%)

Magenta (30%)

















Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12563289 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12563289 by changing the saturation by 10% instead.



 12563289	 12563289
16777215	 10721344
 16378765	 8879910
 16777128	 7104008
 16777156	 5393920
 16777185	 3749632
16777214	 2105856
	 3328
	 0
 12563289	 12563289

 12562758

 12563820

 12562227

 12564351

 12561440

 12565138

 12560909

 12565669

 12560640

 12566201

 12566732

 12567519

 12568050

 12568575

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15049824



12563289



9485932

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12563289



50663



15897297

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12563289



5858751

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13083125



12563289



48895

# Square

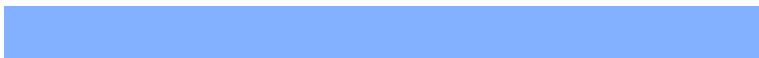
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12563289



51390



8630783



16747941

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12563289



7062659



8630783



15111902



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12563289



16249808



12540263



8223333



16579836



8224125



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12563289



16246105



10141529



6184277



10390272



2038528



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5858751



5860599



8280511



5592670



5022

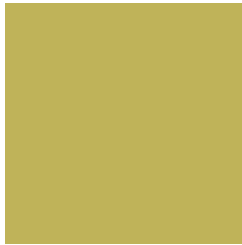


1055



# Previews

## White Background



This preview shows how the Decimal color 12563289 looks on a white background.

## Color Contrast Check

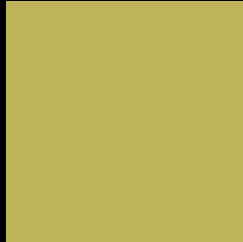
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12563289 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

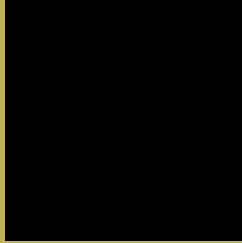
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12563289 Background



This preview shows how black text looks on a background with the Decimal color 12563289.



This preview shows how white text looks on a background with the Decimal color 12563289.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
12563289

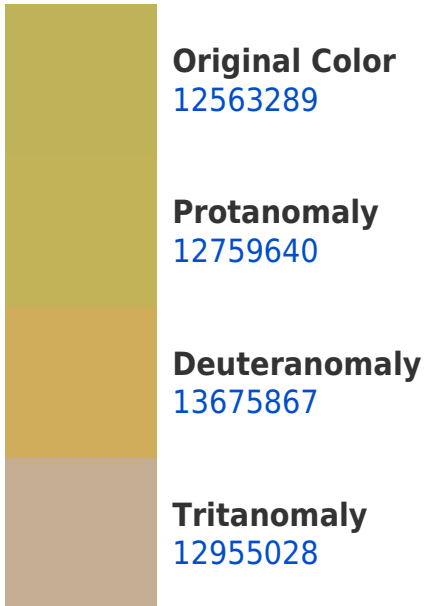
**Protanopia**  
12890456

**Deuteranopia**  
14330204



**Tritanopia**  
13150646

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12563289 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BFB359 looks like.

```
.text, #text, p{  
  color:#BFB359  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BFB359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB359
}
```

## Border

The CSS property to change the border of an element to Decimal 12563289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BFB359 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BFB359 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BFB359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB359; -webkit-box-shadow:4px 4px  
4px 4px #BFB359; box-shadow:4px 4px 4px  
4px #BFB359 }
```

# Background

The CSS property to change the background color of an element to Decimal 12563289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB359 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BFB359 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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